

Customer No.: 31561
Application No.: 10/707,111
Docket No.: 10216-US-PA

In The Specification:

Please amend paragraphs [0004], [0005], [0007], [0014], [0015], [0016] and [0020] as following.

[0004] FIG. 1 schematically shows a sectional view along line A-A' of a conventional AMOLED display shown in FIG. 5; FIG. 3 schematically shows a sectional view along line B-B' of a conventional AMOLED display shown in FIG. 5; and FIG. 5 schematically shows a top view of a conventional AMOLED display.

[0005] Referring to FIG. 1, FIG. 3 and FIG. 5, the conventional method of fabricating the AMOLED display first provides a substrate 100, wherein the substrate 100 comprises an emitting region 120 and a non-emitting region 122. Moreover, a plurality of pixel structures 107 arranged in array is formed on the substrate 100 in the emitting region 120, and each of the pixel structures 107 comprises an active matrix device (TFT) and an anode layer 102, an emitting layer 104, and a cathode layer 106.

[0007] Then, a cap 114 is deposited above the substrate 100 and bonded with the substrate 100 using the frame glue (not shown). The cap 114 covers the emitting region 120 of the substrate 100 so as to protect the devices inside the emitting region 120 from any impact of the outside environment. As shown in FIG. 5, the power line 110 are aligned with an edge of the cap 114 such that most portion of the power line 110 is partially covered by the cap 114 and the end of the power line 110 are completely exposed outside the caps 114.

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[0014] FIG. 1 schematically shows a sectional view along line A-A' of a conventional AMOLED display shown in FIG. 5; FIG. 3 schematically shows a sectional view along line B-B' of a conventional AMOLED display shown in FIG. 5; and FIG. 5 schematically shows a top view of a conventional AMOLED display.

[0015] FIG. 2 schematically shows a sectional view along line C-C' of an AMOLED display of a preferred embodiment according to the present invention shown in FIG. 6; FIG. 4 schematically shows a sectional view along line D-D' of the AMOLED display shown in FIG. 6; and FIG. 6 schematically shows a top view of a AMOLED display.

[0016] Referring to FIG. 2, FIG. 4 and FIG. 6, in the method of fabricating the AMOLED display of the present invention, a substrate 100 is provided, wherein the substrate 100 comprises an emitting region 120 and a non-emitting region 122.

[0020] After the pixel structure 107 and the power line 110 are formed, a cap 200 is deposited above the substrate 100 and bonded with the substrate 100 using the frame glue (not shown) that is formed between the cap 200 and the substrate 100. The cap 200 covers the emitting region 120 of the substrate 100 and the power line 110. Specifically, the cap 200 covers the emitting region 120 of the substrate 100 and a majority of the power line 110, only a small section of the end of the power line 110 being exposed. The exposed portion of the power line 110 is electrically connected with an external power supply. In the present embodiment, the cap 200 is a metal cap or a glass cap. As shown in FIG. 6, the power line 110 are parallel with an edge of the cap 200 and located within the cap 200 such that most portion of the power line 110

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is completely covered by the cap 200 and the end of the power line 110 are completely exposed outside the caps 200. In other words, the cap 200 covers the emitting region of the substrate 100 and the width of the power line 110 in the non-emitting region.